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### SEARCH REQUEST FORM Scientific and Technical Information Center

**EIC 2600** Requester's Full Name Krista Zele Examiner # 47644 Date 9/26/05-Art Unit 260 Phone Number 2-7288 Serial Number 17/12-29 Format preferred (circle) PAPER EMAIL BOTH Office Location Jeff 2061 If more than one search is submitted, please prioritize searches in order of need. Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Let us know what you already have and so do not need. Include the keywords, synonyms and meaning of acronyms. Define all terms that may have a specific meaning. Please attach a copy of the background, abstract, claims and other pertinent information. Please state how the terms or keyword strings should relate to one another. Title of the Invention US 5867542 Inventor(s) Earliest Priority date to be used STAFF USE ONLY Searcher V67 **TYPE** of Search **Databases Searched** Phone Text Dialog Location Litigation STN\_ Date picked up Other OuestelOrbi? Date completed <del>LEXIS</del>ANEXÌS Search Prep/review Courtlink

Other

### Query/Command: prt max legalali

1/1 PLUSPAT - @QUESTEL-ORBIT - image

PN - 🔯 US5867542 A 19990202 [US5867542]

TI - (A) Clock phase detecting circuit and clock regenerating circuit each arranged in receiving unit of multiplex radio equipment

PA - (A) FUJITSU LTD (JP)

PA0 - Fujitsu Limited, Kanagawa [JP]

IN - (A) IWAMATSU TAKANORI (JP); KIYANAGI HIROYUKI (JP)

**AP** - US55254395 19951103 [1995US-0552543]

PR - JP5937795 19950317 [1995JP-0059377]

IC - (A) H04L-007/02 H04L-027/22

EC - H04L-007/02V1 H04L-007/033D H04L-027/38

ICO - T04L-007/027

PCL - ORIGINAL (O): 375354000; CROSS-REFERENCE (X): 329304000 375326000 375332000 375344000

**DT** - Corresponding document

**CT** - US4320517; US4692931; US4815103; US5090027; US5283780; US5423085; US5471508; US5535252; US5661761

STG - (A) United States patent

- The present invention relates to a clock phase detecting circuit and a clock regenerating circuit each arranged in a receiving unit of multiplex radio equipment. The receiving unit of the multiplex radio equipment includes an identifying circuit for identifying a signal obtained by demodulating a multilevel orthogonal modulation signal; a clock regenerating circuit for regenerating a signal identification clock for the identifying circuit to supply the clock to the identifying circuit; an equalizing circuit for subjecting the signal obtained by demodulating a multilevel orthogonal modulation signal to an equalizing process. A clock phase detecting unit detects the phase component of the signal identification clock based on signals input to or output from the equalizing circuit and then supplies the phase component to the clock regenerating circuit. The phase component of a signal identification clock can be certainly detected and accurately adjusted so that the signal identification clock can be regenerated with high accuracy.

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PN - 🔁 US5867542 A 19990202 [US5867542]

**AP** - US55254395 19951103 [1995US-0552543]

ACT .

19951103 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: FUJUTSU LIMITED 1015 KAMIKODANAKA, NAKAHARA-KU,

KA; EFFECTIVE DATE: 19950821

19951103 US/AS02-A ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: IWAMATSU, TAKANORI; EFFECTIVE DATE: 19950821

19951103 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: KIYANAGI, HIROYUKI; EFFECTIVE DATE: 19950818

**UP** - 2003-22

Search statement 2

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5867542

February 2, 1999

Clock phase detecting circuit and clock regenerating circuit each arranged in receiving unit of multiplex radio equipment

APPL-NO: 552543 (08)

FILED-DATE: November 3, 1995

GRANTED-DATE: February 2, 1999

CORE TERMS: clock, phase, detecting, regenerating, identification, conversion,

converter, oscillating, detect, input ...

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**CURNEWS** 

October 31, 2003

SECTION: v.13(21) O 31'03; ISSN: 0025-9535

CBCA-ACC-NO: 5867542

LENGTH: 173 words

HEADLINE: TABLE OF CONTENTS

BODY:

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